





9. (Currently amended) The air duct system according to claim 1, ~~characterized in that~~ wherein the refrigerated air outlet (4b) of the air cooling compartment (4) is centrally defined, aligned with the fan (6) and opened to the interior of a plenum (7), which is positioned behind the freezing compartment (1) and separated therefrom by a wall (8) provided with openings (9) for the supply of refrigerated air to the freezing compartment (1).

10. (Currently amended) The air duct system according to claim 9, ~~characterized in that~~ wherein the transversal through-duct (12) has an end opened to the central lower region of the plenum (7).

11. (Currently amended) The air duct system according to claim 10, ~~characterized in that~~ wherein the transversal through-duct (12) presents a rectilinear development between the central region of plenum (7) and the refrigerating compartment (2).

12. (Currently amended) The air duct system according to claim 1, ~~characterized in that~~ wherein the body (10) comprises a lower half (10a) and an upper half (10b), ~~which are designed to be~~ fitted into each other, and each defining a respective half of the cross section of the first return ducts (13) and of the second return duct (14), and a respective longitudinal extension of the transversal through-duct (12).

13. (Currently amended) The air duct system according to claim 12, ~~characterized in that~~ wherein the lower half (10a) of the body (10) defines the rear chamber (11) in practically the whole extension thereof.